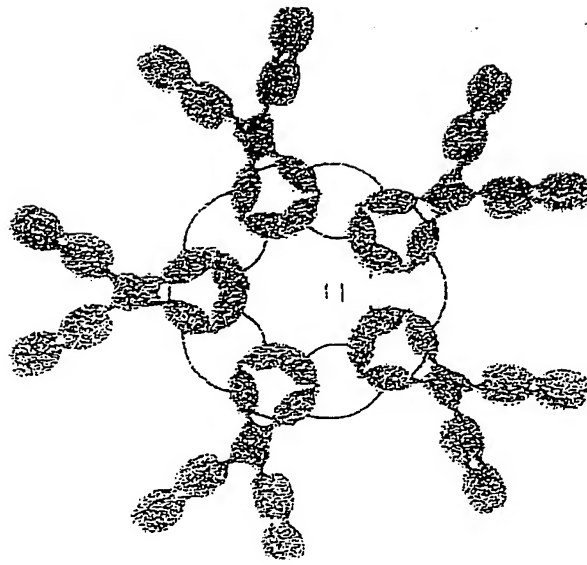


FIG. 1A

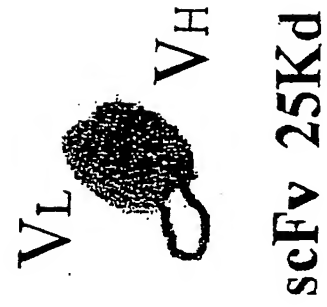
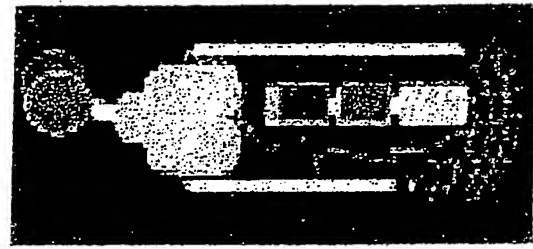
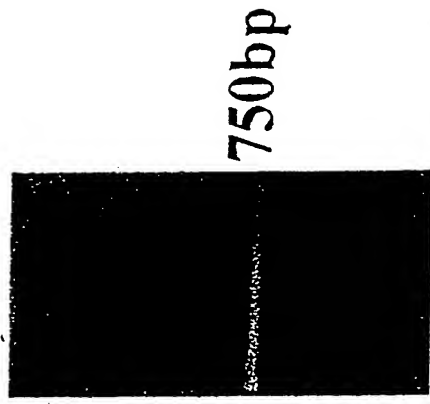


IgM 950Kd

FIG. 1B



FIG. 1C



scFv 25Kd

FIG. 1D

FIG. 1E

FIG. 2

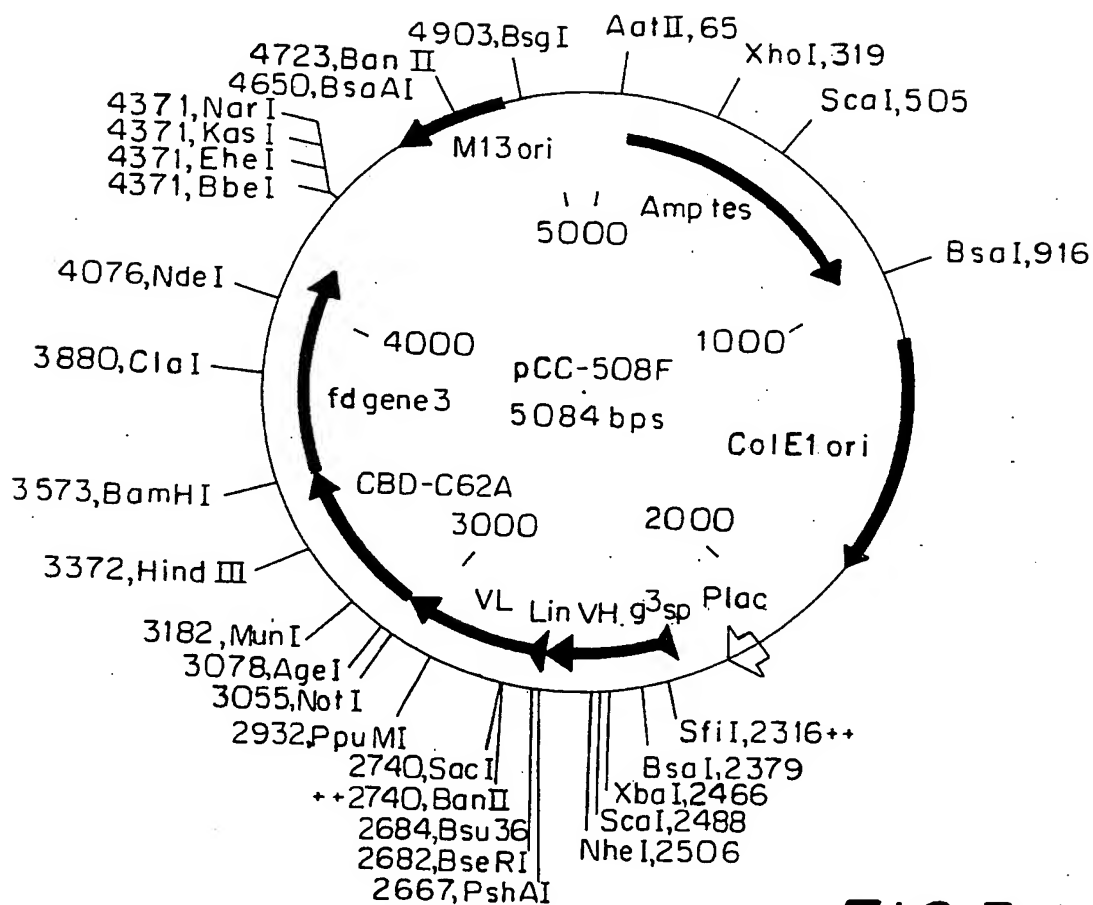


FIG. 3

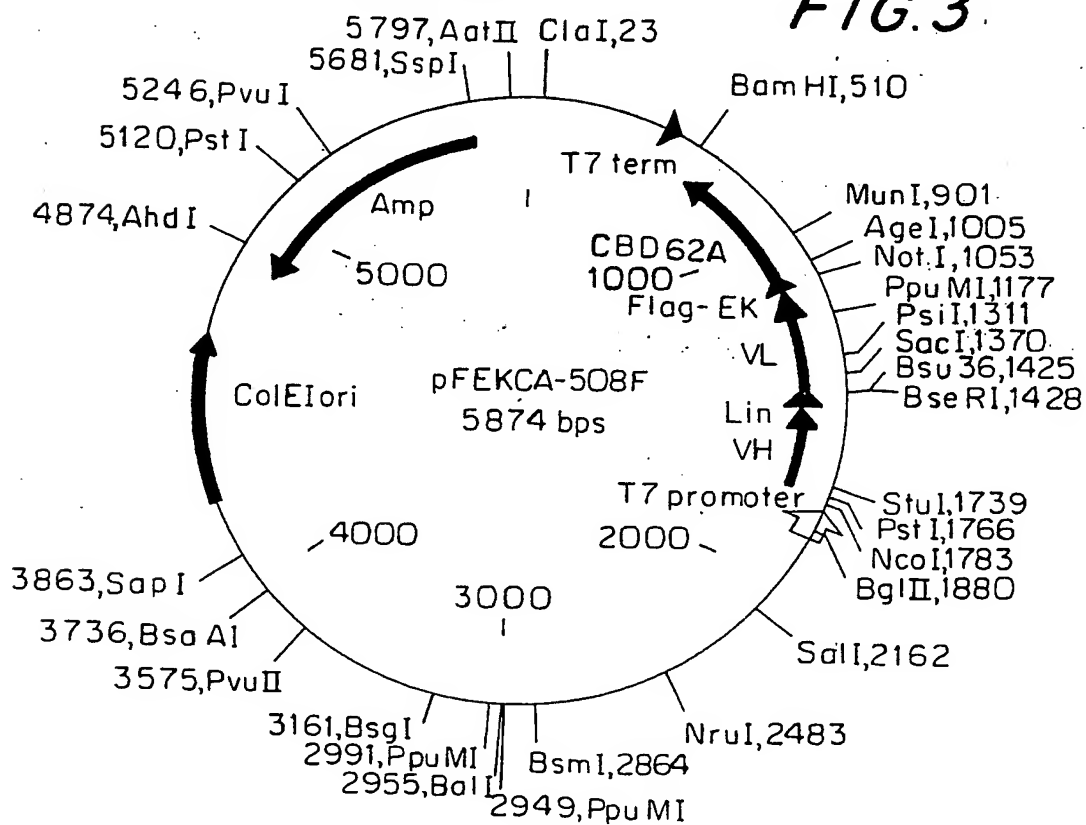


FIG. 4

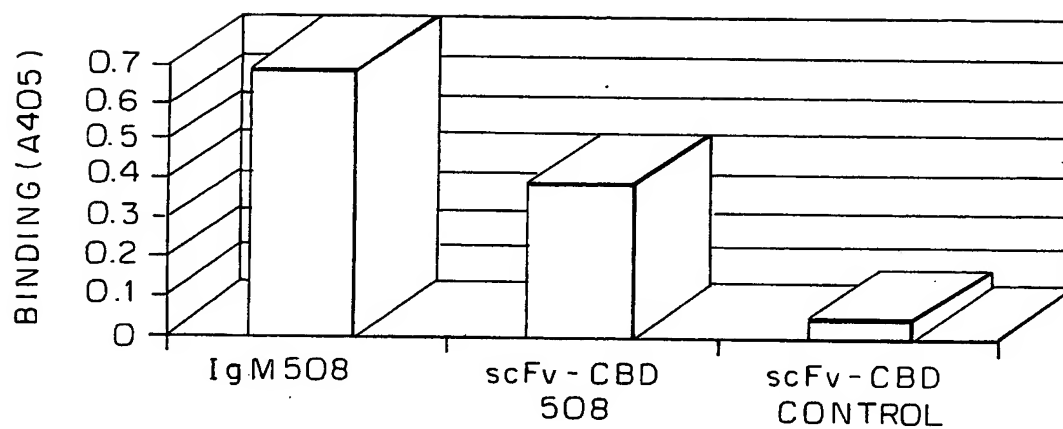
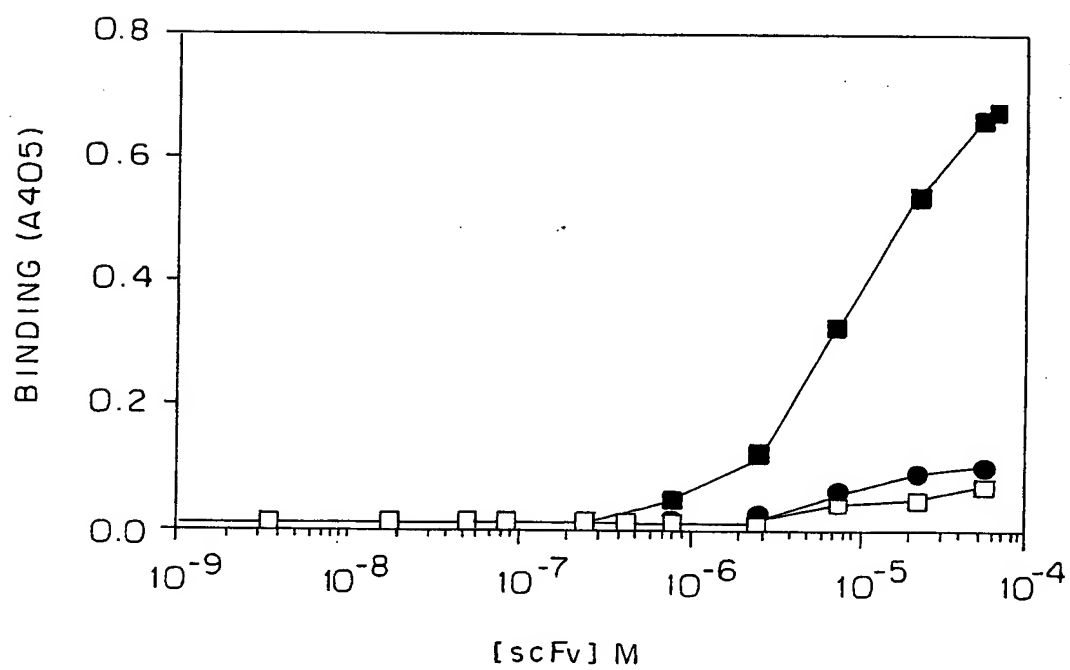


FIG. 7



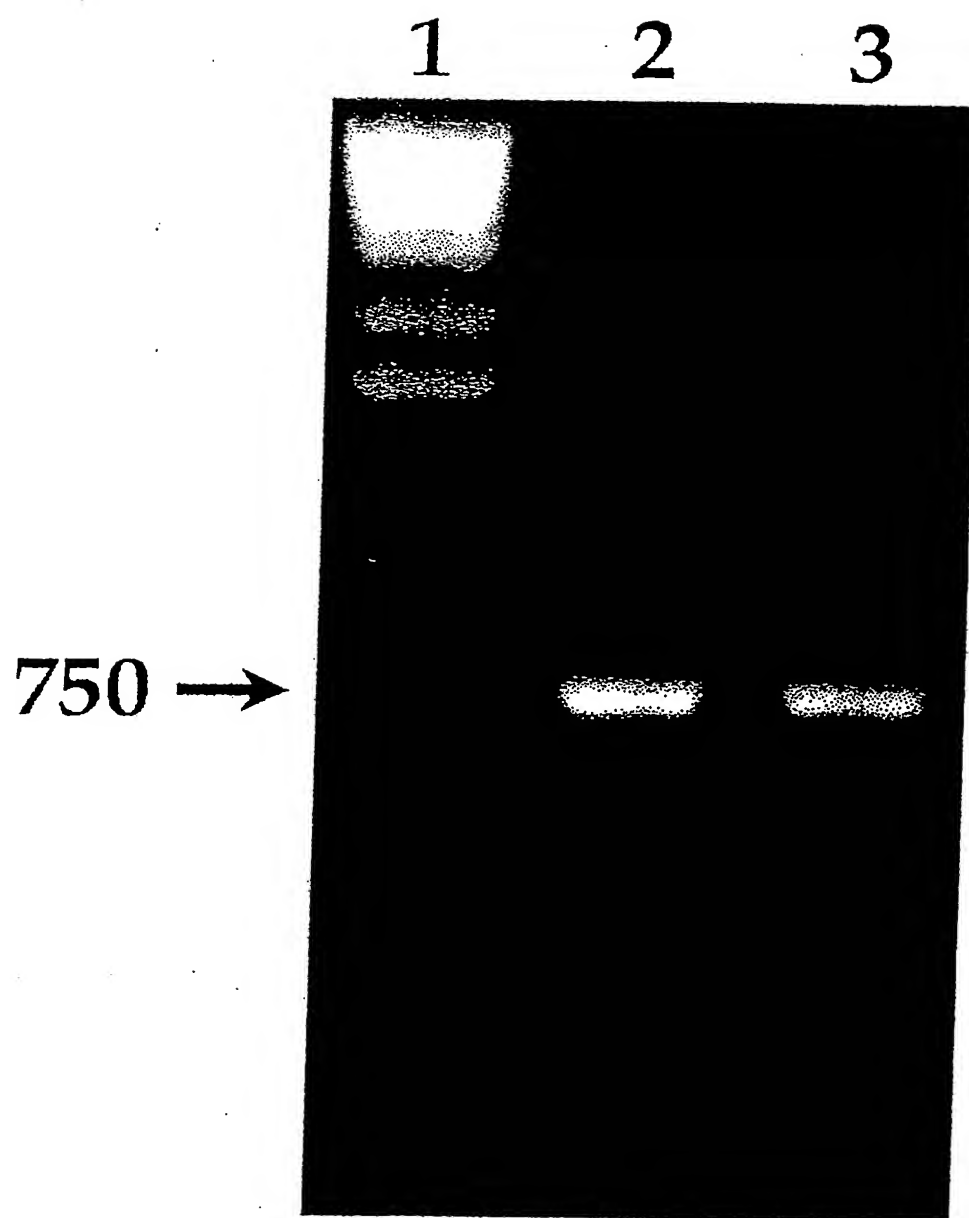
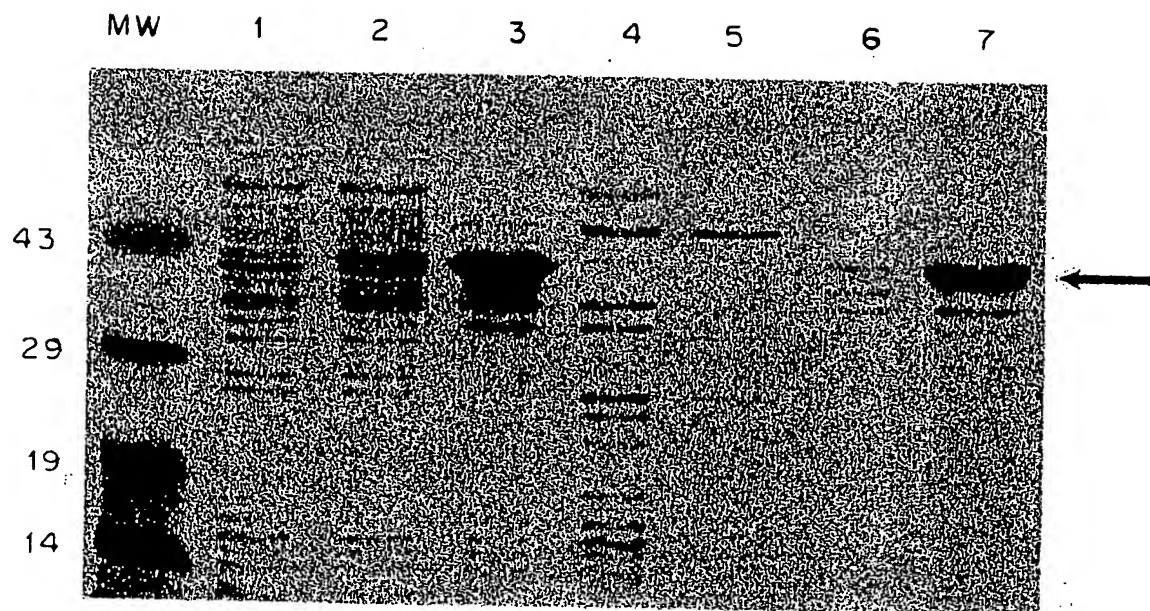
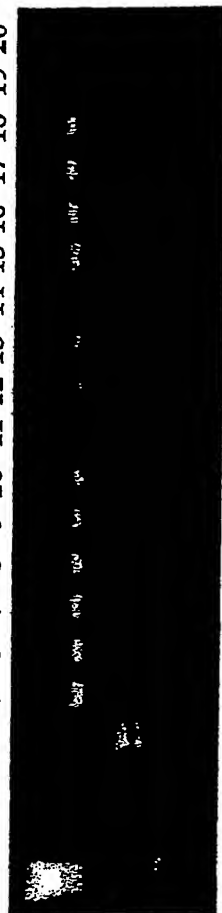


FIG. 5

FIG. 6



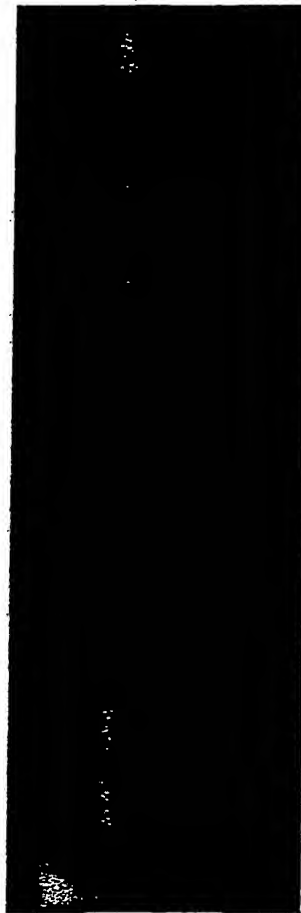
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20



1250 →
700 →
550 →

FIG. 8A

1 2 3 4 5 6 7 8 9 10 11 12



1250 →
700 →
550 →

FIG. 8B

FIG. 9a

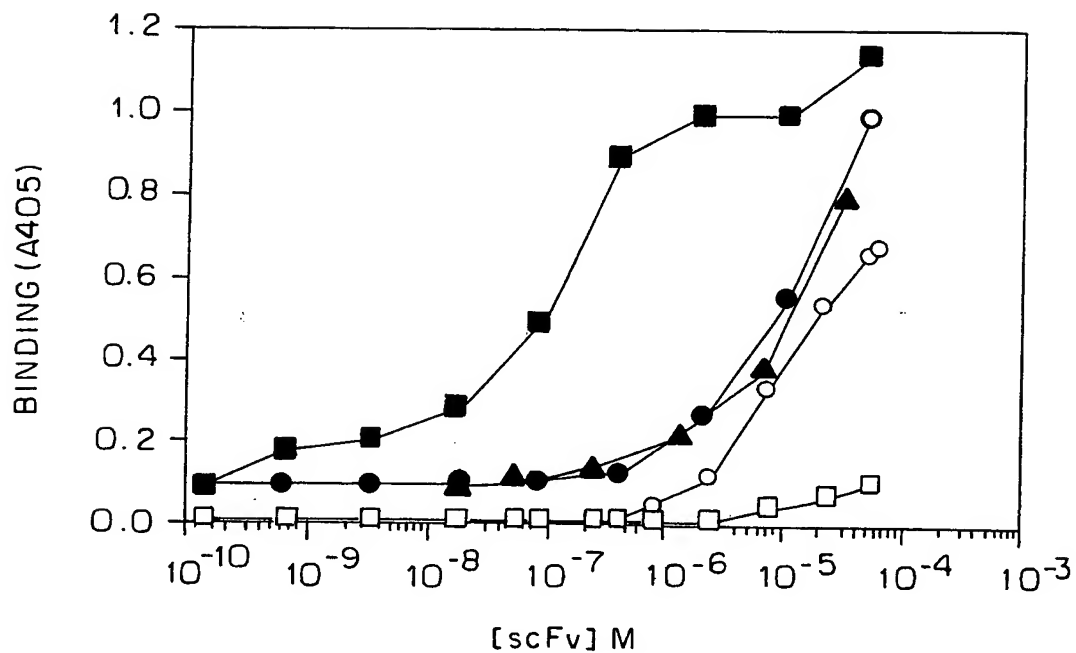


FIG. 9b

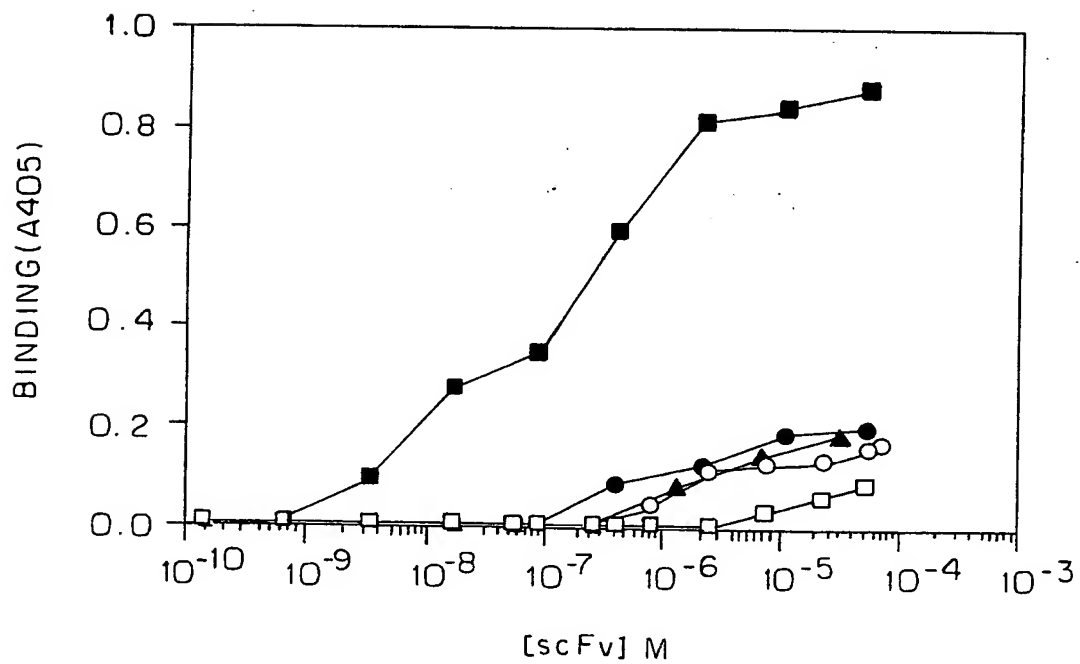


FIG. 10

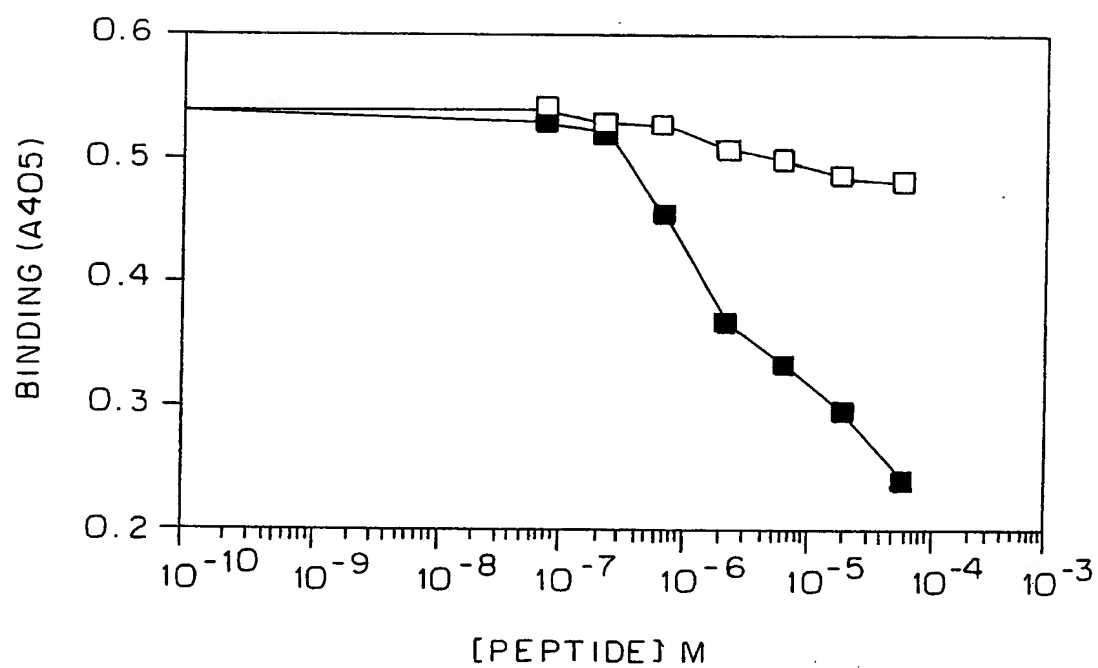


FIG. 11a

CAG GTC AAA CTG CAG GAG TCA GGG GCT GAG CTG GTG AGG CCT GGG GTC TCA GTG AAG ATT
 gln val lys leu gln glu ser gly ala glu leu val arg pro gly val ser val lys ile

TCC TGC AAG GGT TCT GGC TAC ACA TTC ACT GAT TAT GCT ATG CAC TGG GTG AAG CAG AGT
 ser cys lys gly ser gly thr phe thr asp tyr ala met his trp val lys gln ser

CAT GCA AAG AGT CTA GAG TGG ATT GGA GTT ATT AGT ACT TAC TAT GCT GAT GCT AGC TAC
 his ala lys ser leu glu trp ile gly val ile ser thr tyr tyr gly asp ala ser tyr

AAC CAG AAG TTC AAG GGC AAG GCC ACA ATG ACT GTA GAC AAA TCC TCC AGC ACA GCC TAT
 asn gln lys phe lys gly lys ala thr met thr val asp lys ser ser thr ala tyr

ATG GAA CTT GCC AGA CTG ACA TCT GAG GAT TCT GCC ATC TAT TAC TGT GCA AGA GGG GCT
 met glu leu ala arg leu thr ser glu asp ser ala ile tyr tyr cys ala arg gly ala

ACT ATG TCC TAC TTT GAC TAC TGG GGC CAA GTG ACC ACG GTC ACC GTC TCC TCA ggt gga
 thr met ser tyr phe asp tyr trp gly gln val thr thr val ser ser gly gly

CDR 1
 CDR 2
 CDR 3

FIG. 11b

ggc ggt tca ggc gga gtt ggc tct ggc ggt gga tct gac atc gag CTC ACT CAG TCT
 gly gly ser gly val gly val gly ser gly gly gly ser asp ile glu leu thr gln ser

CCA GCA ATC ATG TCT GCA TCT CCA GGC GAG AAG GTC ACC ATG ACC TGC AGT GCC AGC TCA
 pro ala ile met ser ala ser pro gly glu lys val thr met thr cys ser ala ser ser

AGT ATA AGT TAC ATG CAC TGG TAT CAG CAG AAG CCA GGC ACC TCC CCC AAA AGA TGG ATT
 ser ile ser tyr met his trp tyr trp gln gln lys pro gly thr ser pro lys arg trp ile

TAT GAC ACA TCC AAA CTG GCT TCT GGA GTC CCT GCT CGC TTC AGT GGC AGT GGG TCT GGG
 tyr asp thr ser lys leu ala ser gly val pro ala arg phe ser gly ser gly ser gly

ACC TCT TAT TCT CTC ACA ATC AGC AGC ATG GAG GCT GAA GAT GCT GCC ACT TAT TAC TGC
 thr ser tyr ser leu thr ile ser ser met glu ala glu asp ala thr tyr tyr cys

CAT CAG CCG AGT AGT TAC CCA TTC ACG TTC GGA GGC GCC AAG CTG GAA ATA AAA
 his gln arg ser ser tyr pro phe thr phe gly gly ala lys leu glu ile lys

CDR 1
 CDR 2
 CDR 3

FIG. 12

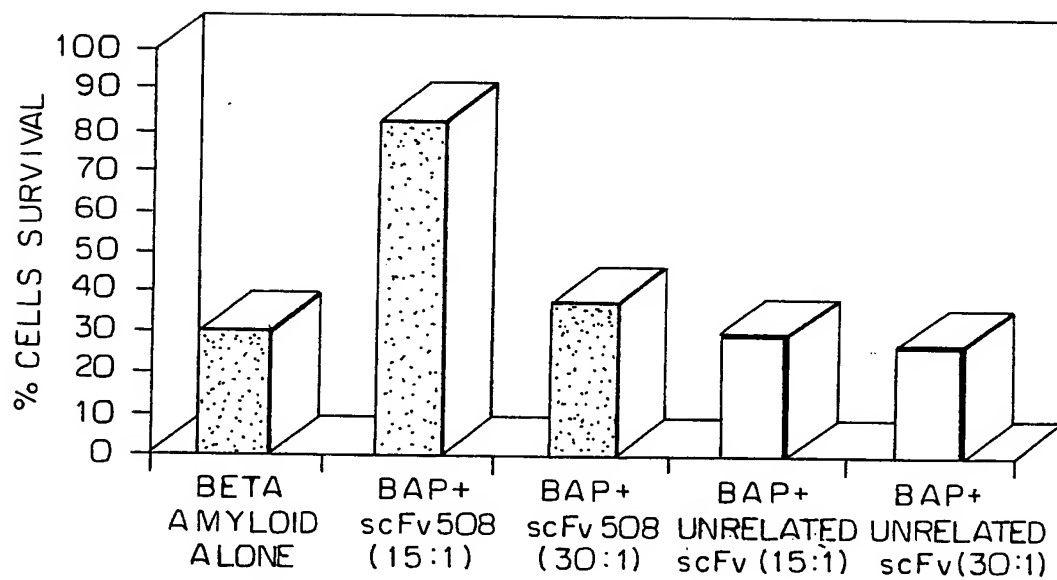


FIG. 13

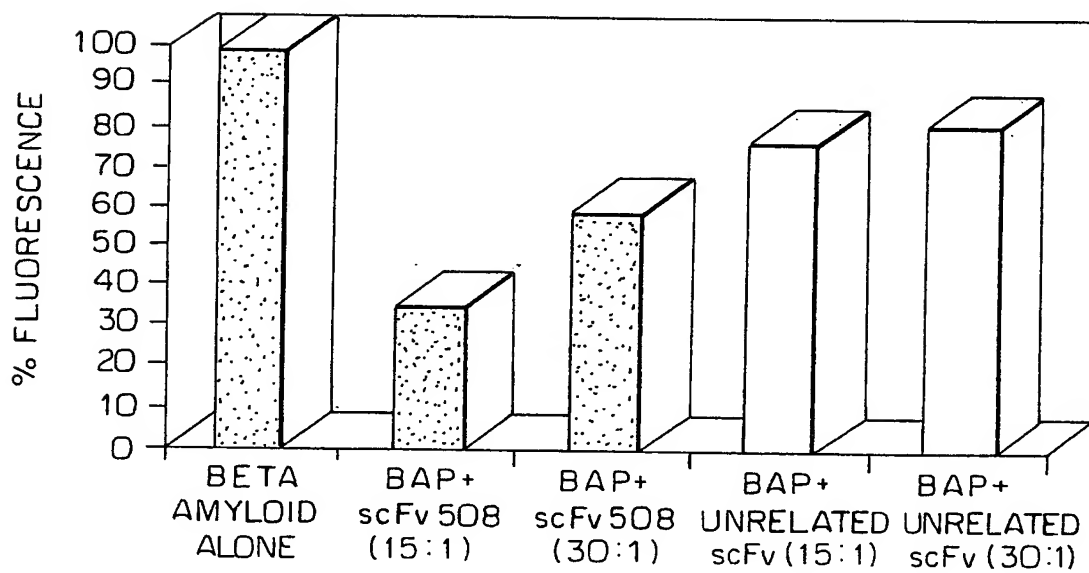


FIG. 14A

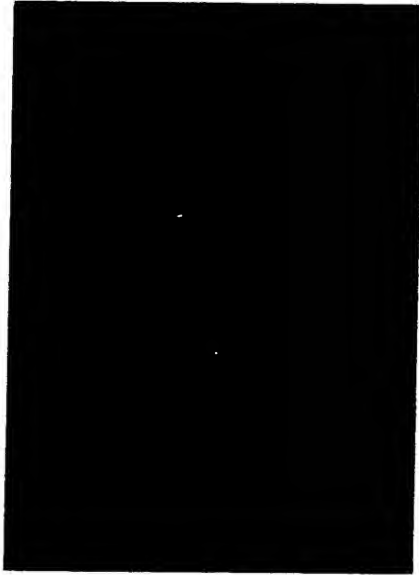


FIG. 14C

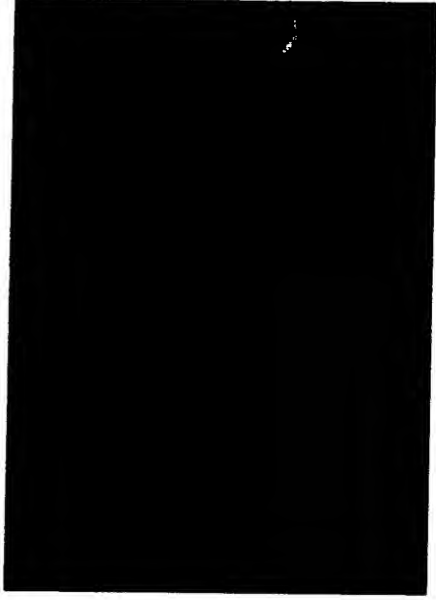


FIG. 14B

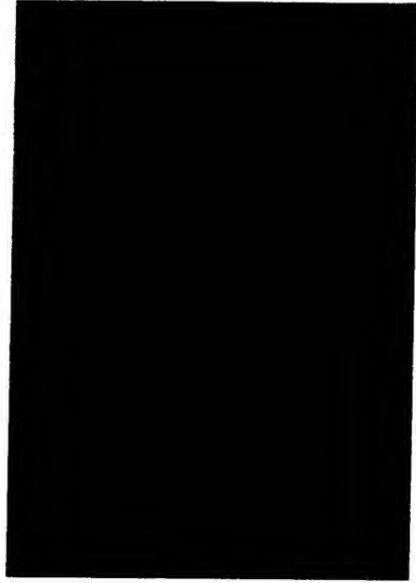


FIG. 14D

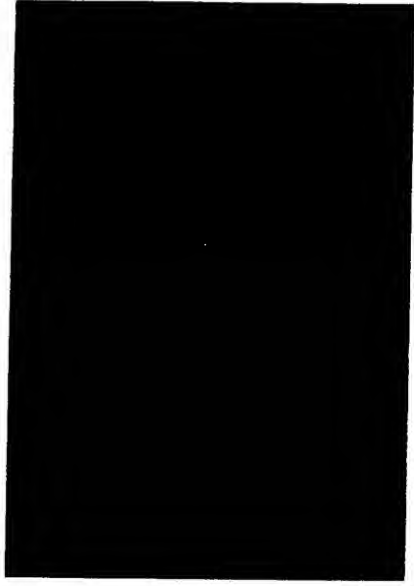


FIG. 15A

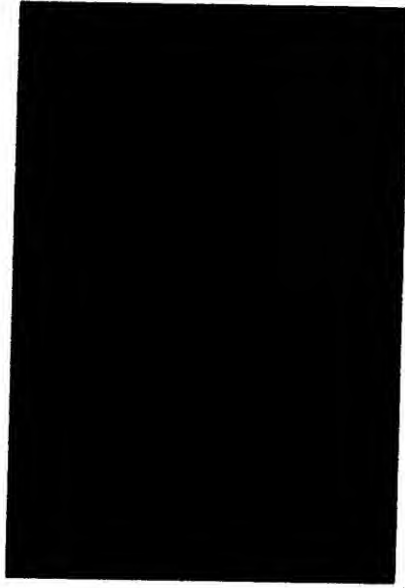


FIG. 15C

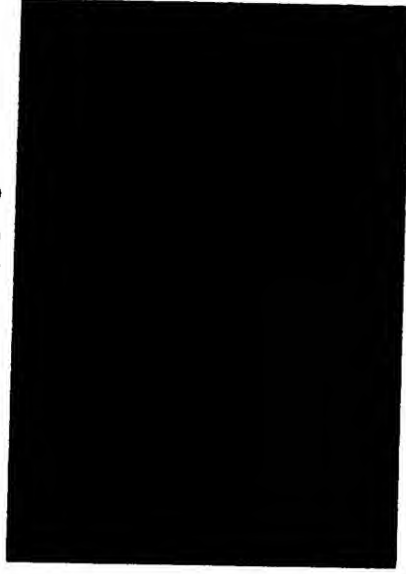


FIG. 15B

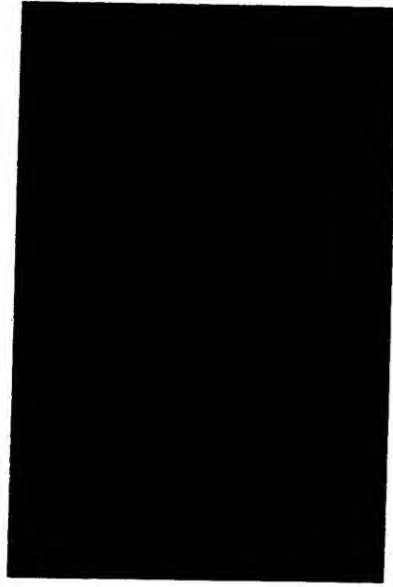


FIG. 15D

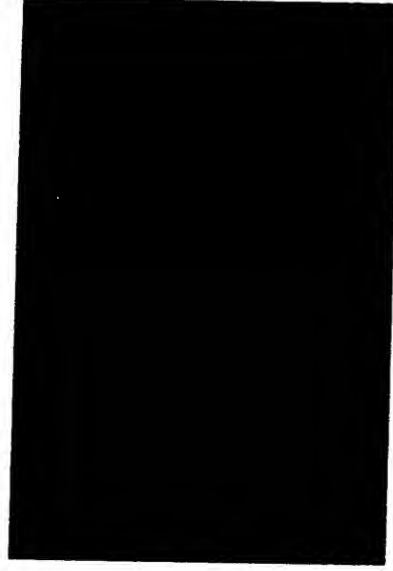


FIG. 16A



FIG. 16C



FIG. 16B



FIG. 16D



FIG. 17A

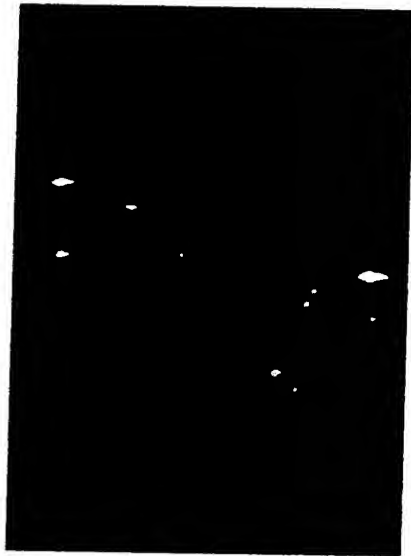


FIG. 17C

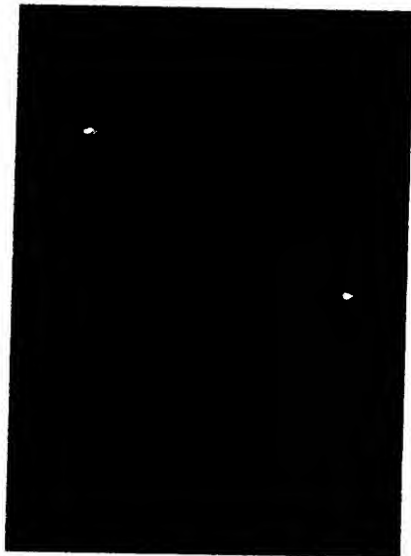


FIG. 17B

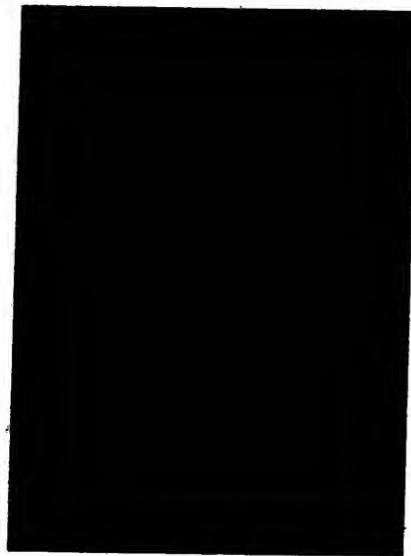


FIG. 17D

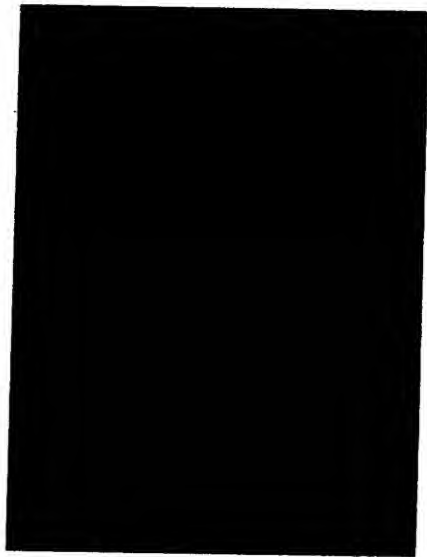


FIG. 18A

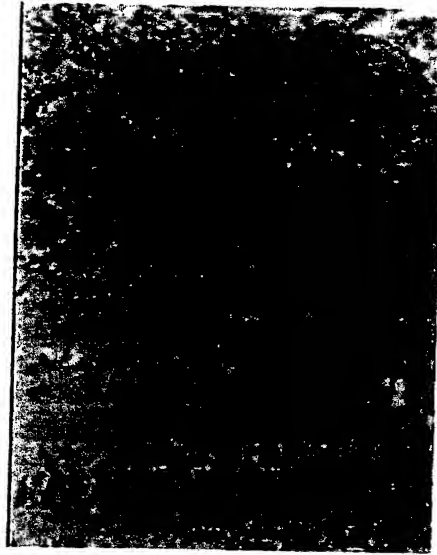


FIG. 18C



FIG. 18B

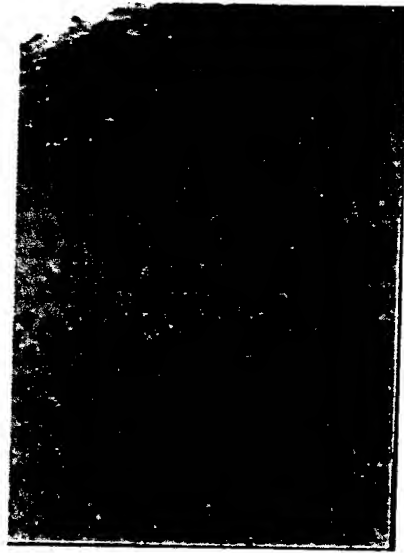
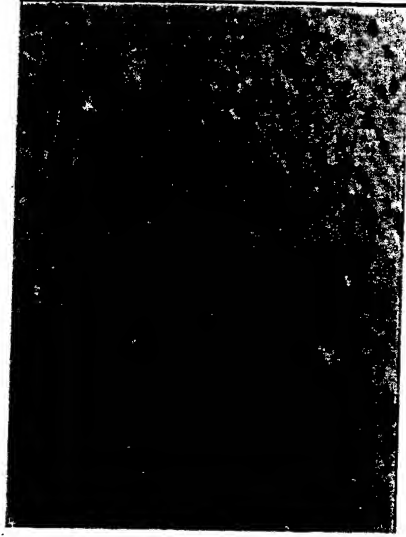


FIG. 18D



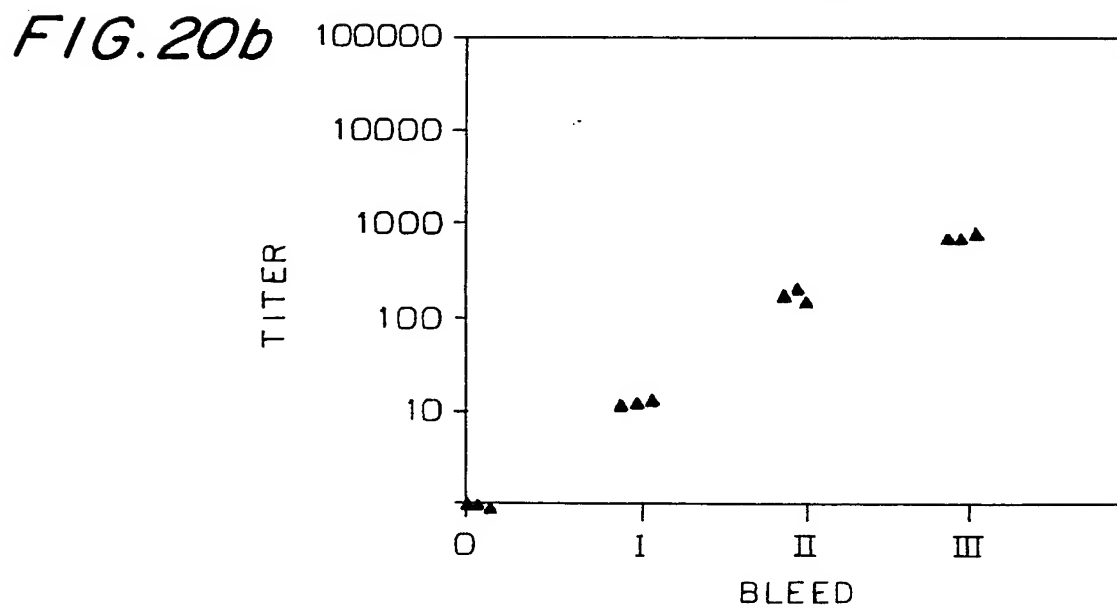
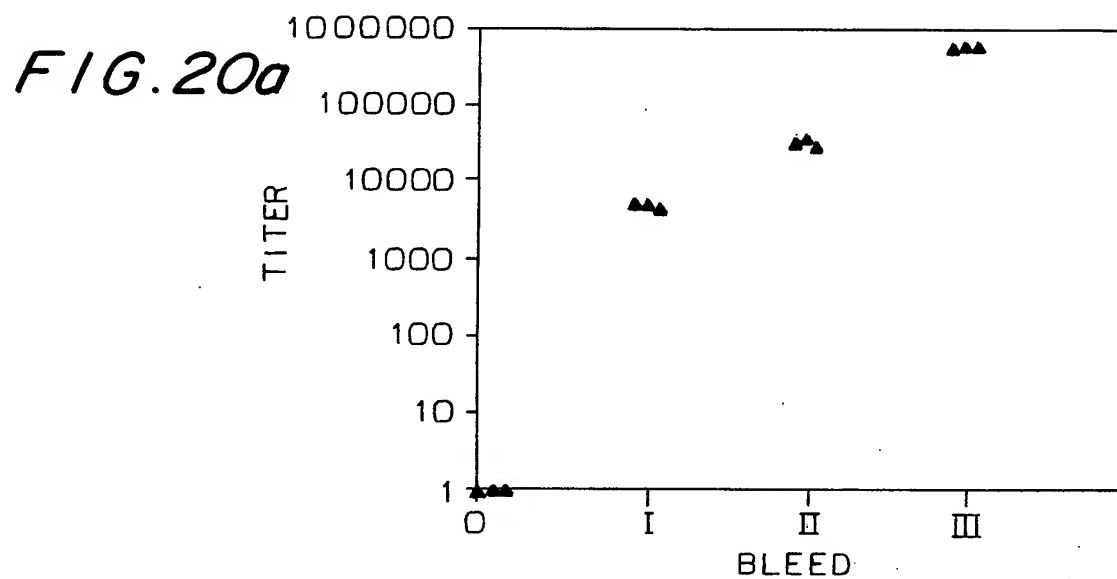
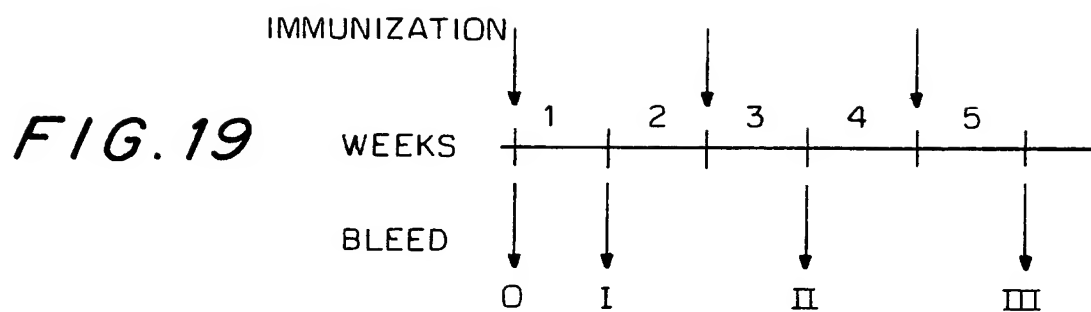


FIG. 21

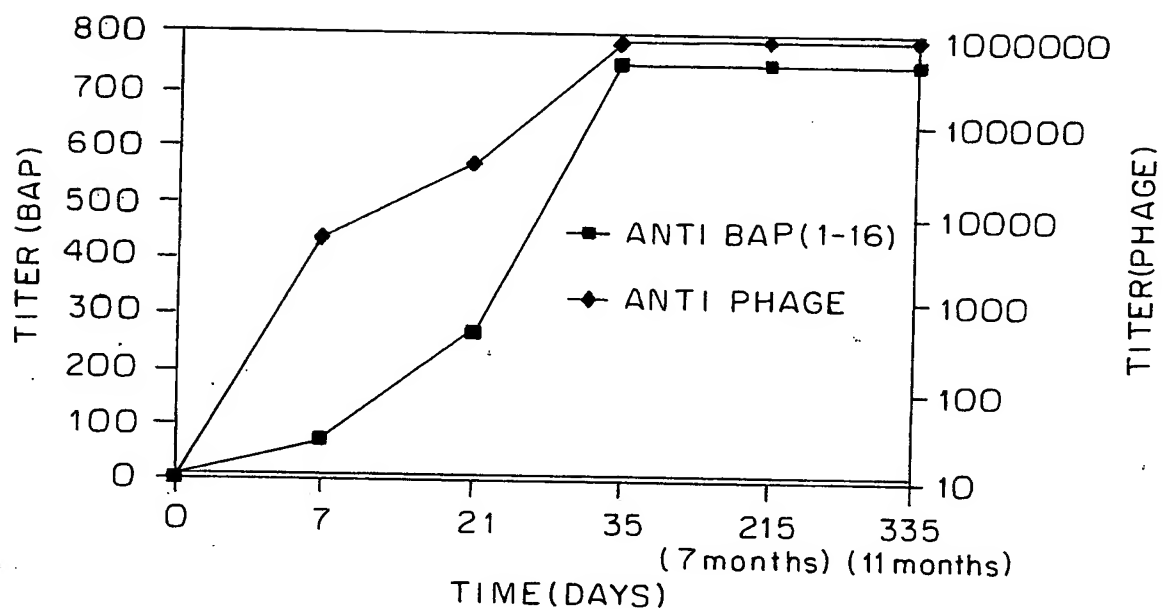


FIG. 22

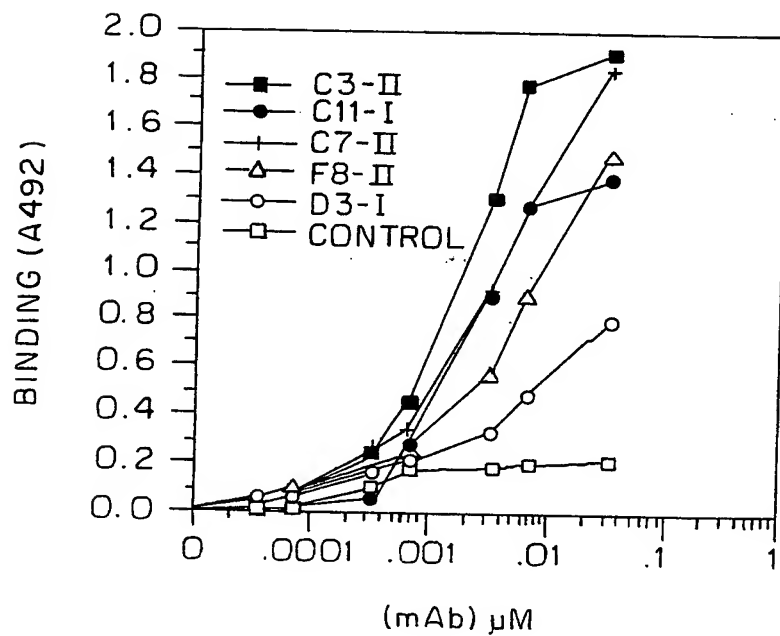


FIG. 23

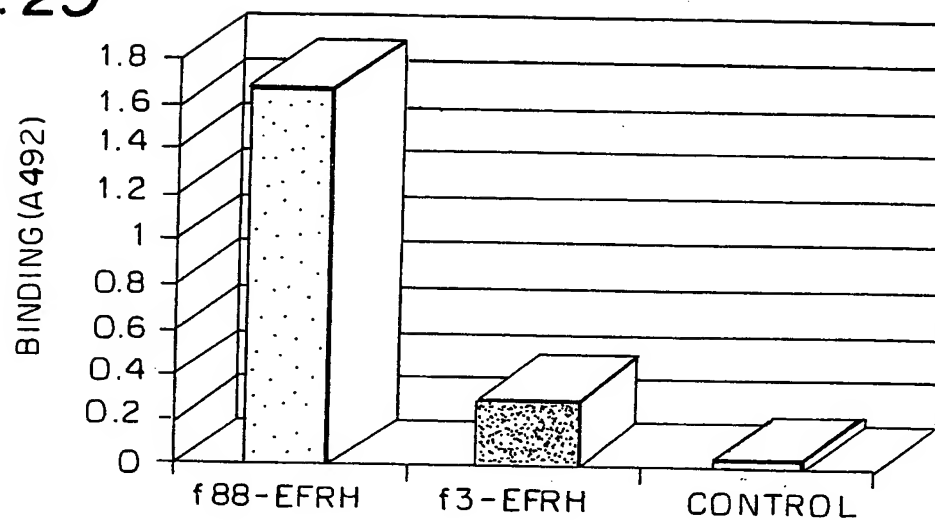


FIG. 24a

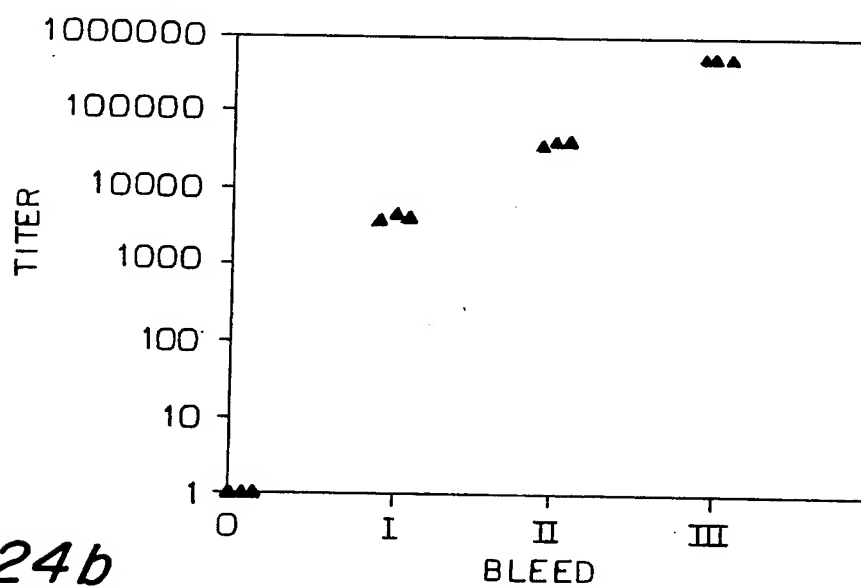


FIG. 24b

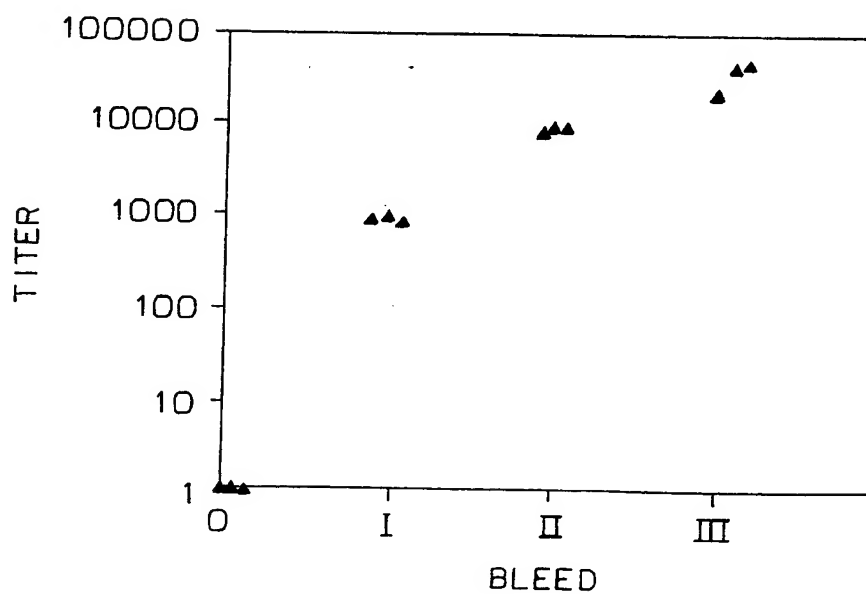


FIG. 25

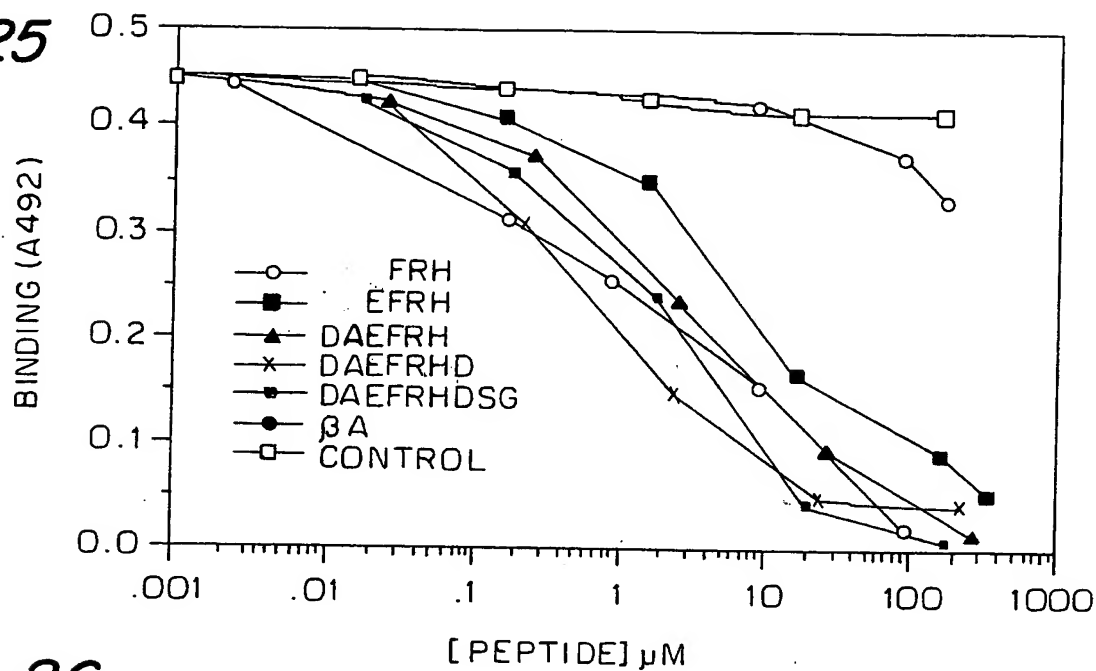


FIG. 26

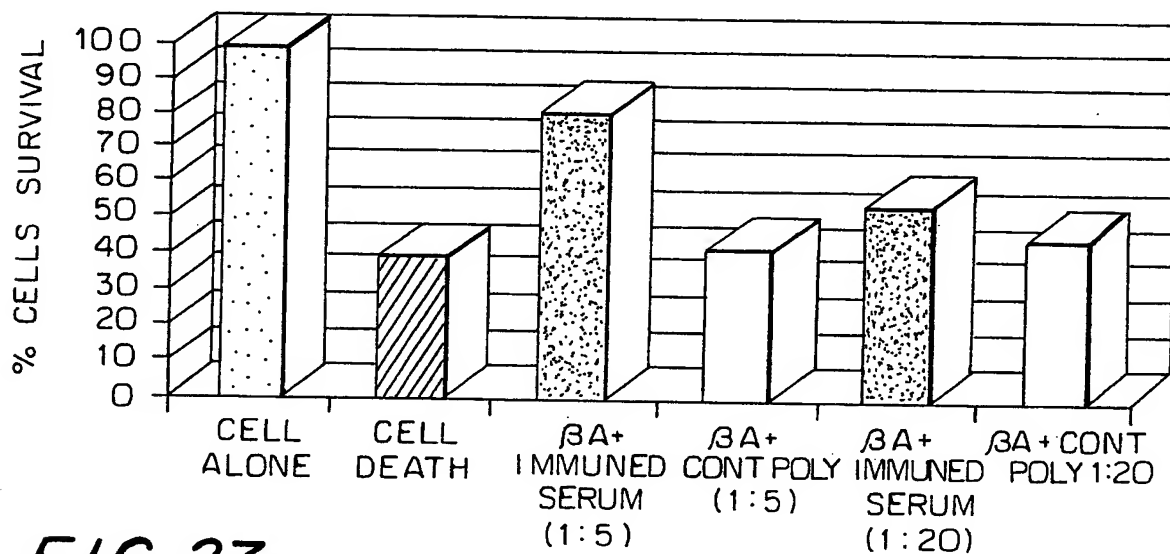


FIG. 27

